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PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

SOVIET SRF PROBABLE REGIONAL HEADQUARTERS FACILITIES (SUPPLEMENT)

DECLASS REVIEW by NIMA/DOD

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SOVIET SRF PROBABLE REGIONAL HEADQUARTERS FACILITIES (SUPPLEMENT)

INTRODUCTION

This report supplements the previously reported information on 9 Soviet Strategic Rocket Forces (SRF) Probable Regional Headquarters Facilities, 1/ and consists of 3 sections, each of which is in response to a referenced requirement. The first section describes the Pruzhany SRF Probable Regional Headquarters Facility and the Postavy SRF Probable Regional Headquarters Facility, neither of which was described in detail in the previous report.* This section also includes a tabular description of the antennas within the facilities (Table 1). The second section is a detailed graphic description of the support areas associated with the SRF regional facilities and includes a tabular summary of the number and types of buildings within each facility (Table 2). The final section includes the orientations and correspondents of the hardened (subsurface) communications antennas identified at all of the SRF probable regional headquarters facilities and a tabular summary of the orientations and correspondents of the antennas (Table 3).

SECTION 1

Pruzhany SRF Probable Regional Headquarters Facility

The Pruzhany SRF Probable Regional Headquarters Facility is at 52-35N 24-32E, 3.5 nm northeast of Pruzhany, USSR (Figure 1). It consists of 2 separate areas, a communications area at the above coordinates and a command bunker area 2 nm southwest of the communications area.

*The Ordzonkidze SRF Probable Regional Headquarters Facility (43-02N 44-44E) and the Znamensk SRF Probable Regional Headquarters Facility (54-35N 21-14E) were identified too recently to be included in this report.

The facility was not present on Mission [redacted] and was first observed [redacted]

Communications Area. The communications area (Figure 2) is in heavy woods which probably conceal it from ground observation. It contains a bunkered arch-roofed control building, a hardened (subsurface) com-

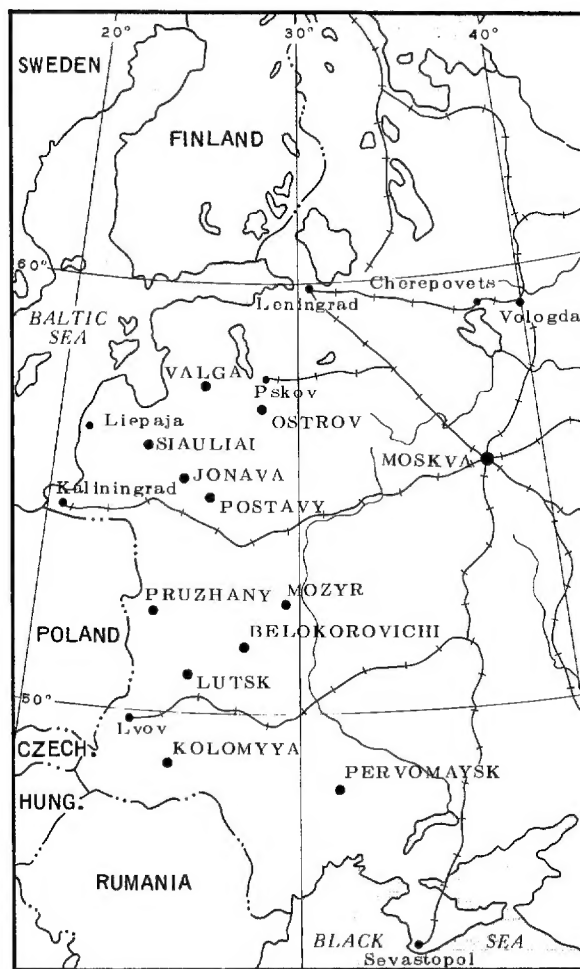


FIGURE 1. LOCATION OF SRF PROBABLE REGIONAL HEADQUARTERS FACILITIES.

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munications antenna, and several above ground high-frequency (HF) antennas. The HF antennas include 1 pair of day-night rhombics, 1 large vee, and 2 horizontal dipoles. The antenna orientations show that the pair of rhombic antennas and the hardened (subsurface) antenna correspond with Moskva, whereas the dipoles are oriented to correspond with Smolensk (Table 1).

Command Bunker Area. The triple-sectioned command bunker (Figure 3) is identical to those at the previously reported and described SRF regional facilities 1/ and is an addition to an older facility of unidentified purpose. Adjacent to the command bunker are 2 horizontal dipole antennas which are oriented to correspond with Moskva.

Table 1. Description of Antennas at Pruzhany and Postavy Probable Regional Headquarters Facilities

SRF Probable Regional Hqs Facility	Location	Antenna Types (Designation Keyed to Figures)	Orientation* (in degrees)	Probable Correspondent
Pruzhany 52-35N 24-32E (Figures 2 and 3)	3.5 nm NE of Pruzhany, USSR	1. Day/Night Rhombic		Moskva
		2. 2 Horizontal dipoles		Smolensk
		3. Hardened (subsurface)		Moskva
		4. Large vee		Undetermined
		5. Small vee		Undetermined
		6. 2 Horizontal dipoles		Moskva
Postavy 55-05N 26-51E (Figures 4 and 5)	1 nm SSE of Postavy, USSR	1. 2 Horizontal dipoles		Moskva
		2. 2 Horizontal dipoles		Smolensk
		3. Hardened (subsurface)		Moskva
		4. Hardened (subsurface)		Smolensk
		5. Large vee		Undetermined

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PRUZHANY SRF PROBABLE REGIONAL HEADQUARTERS FACILITY

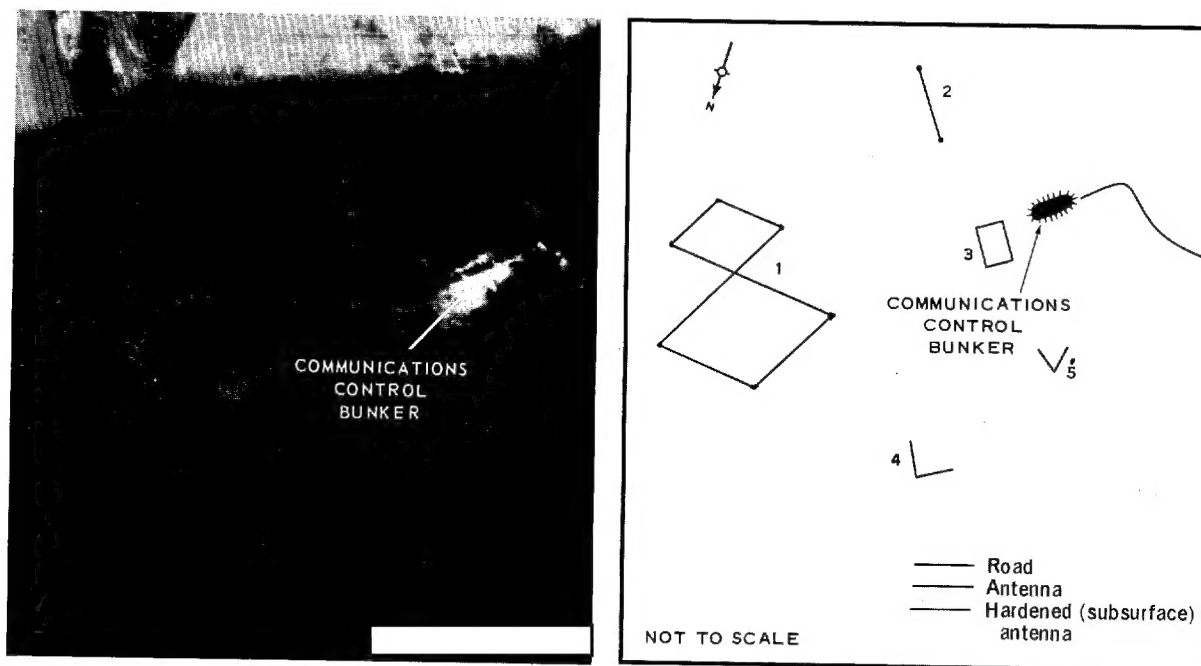


FIGURE 2. PRUZHANY COMMUNICATIONS AREA.

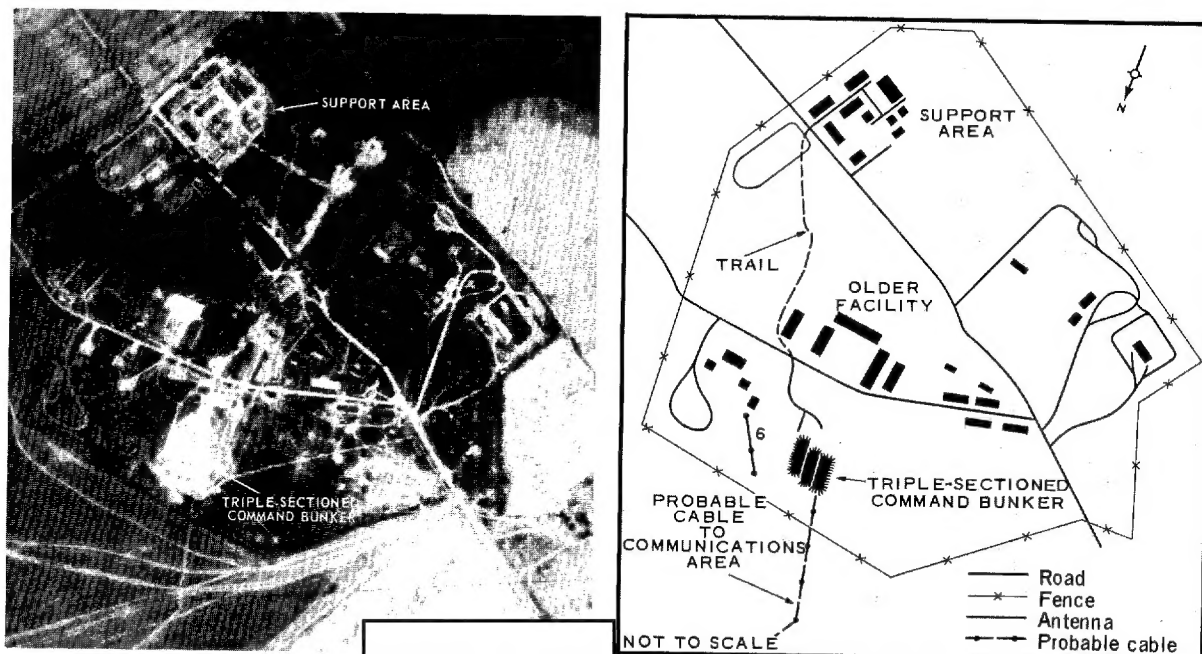


FIGURE 3. PRUZHANY TRIPLE-SECTIONED COMMAND BUNKER AREA.

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POSTAVY SRF PROBABLE REGIONAL HEADQUARTERS FACILITY

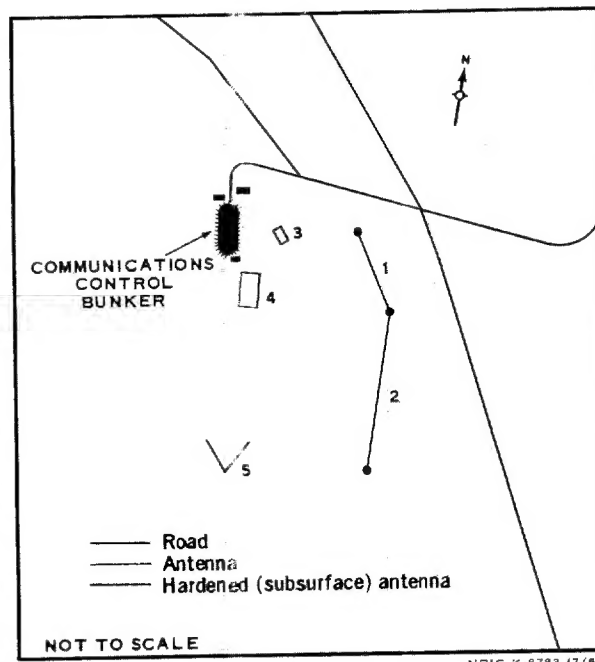
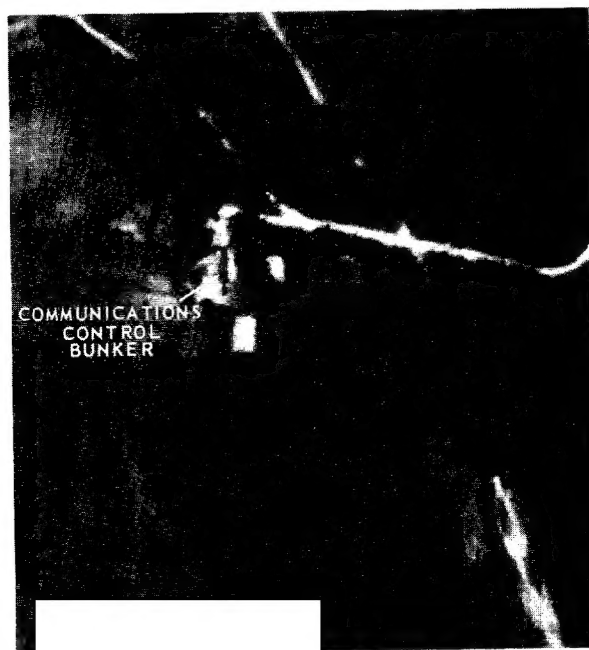


FIGURE 4. POSTAVY COMMUNICATIONS AREA.

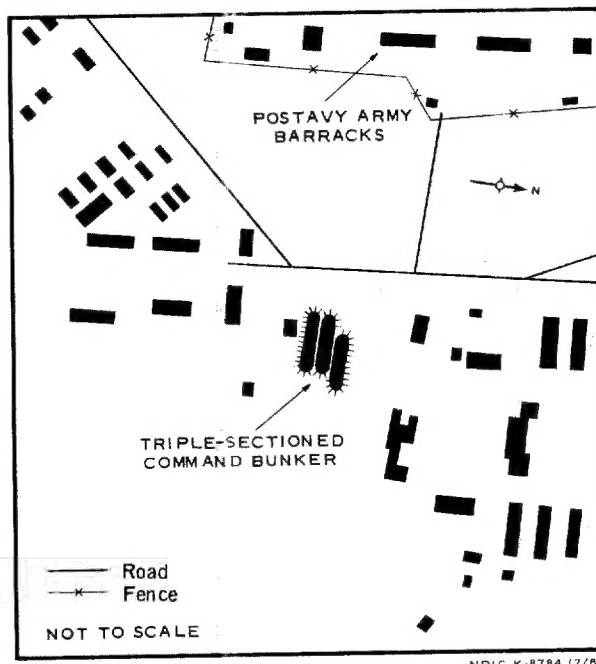
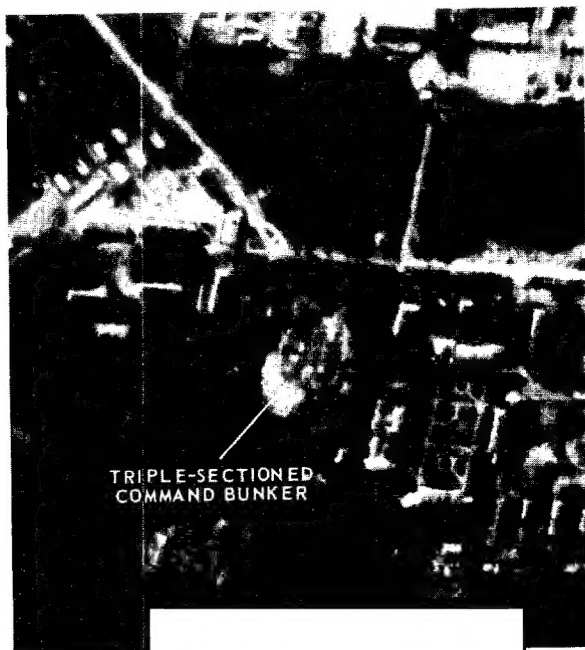


FIGURE 5. POSTAVY TRIPLE-SECTIONED COMMAND BUNKER AREA.

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Support is apparently shared with the unidentified facility collocated with the command bunker.

Postavy SRF Probable Regional Headquarters Facility

The Postavy SRF Probable Regional Headquarters Facility is at 55-05N 026-51E, 1 nm south-southeast of Postavy, USSR (Figure 1). Like Pruzhany, it consists of 2 separate areas, one containing communications antennas and the other a triple-sectioned command bunker. This facility was not present on [REDACTED]

[REDACTED] photography and was first [REDACTED]

Communications Area. The communications area (Figure 4) contains a bunkered, arch-

roofed control building; 2 hardened (subsurface) communications antennas; approximately 4 horizontal dipole antennas which are oriented in 2 directions; and 1 vee antenna. One hardened (subsurface) antenna and a set of dipole antennas correspond with Moskva; the other hardened (subsurface) antenna and set of dipole antennas are oriented to correspond with Smolensk (Table 1).

Command Bunker Area. The triple-sectioned command bunker (Figure 5) is situated at the Postavy Army Barracks East. It is identical to that found at the other regional facilities. Support is apparently furnished from the barracks area. No antennas were identified in the immediate vicinity of the command bunker.

Table 2. Number and Types of Buildings in Each SRF Probable Regional Support Area

SRF Probable Regional Headquarters Facility	Building Type (Keyed to Figure 6)										
	A	B	C	D	E	F	G	H	I	J	U/I
Siauliai	1	2	1	1							6-7
Kolomyia	1	2	1	1		1			1		5-6
Valga		1			1	1	1	1		1	6
Lutsk	1	2	1	1	1	1	1	1	1		
Mozyr	1	2	1	1							6-7
Pervomaysk	1	2	1	1	1	1	1	1	1		1
Belokorovichi	(Support furnished from a barracks area which is collocated with the command bunker. Cannot be isolated.)										
Jonava	(4 unidentified support buildings are at communications area. Support furnished from a barracks area which is collocated with the command bunker. Cannot be isolated.)										
Ostrov	(Support furnished from a barracks area which is collocated with the command bunker. Cannot be isolated.)										
Pruzhany	1										9 (Support shared with the unidentified facility.)
Postavy	(Support furnished from a barracks area which is collocated with the command bunker. Cannot be isolated.)										

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SECTION 2

SRF Probable Regional Facilities Support

Photo analysis reveals that the support areas serving the SRF regional facilities are strikingly similar in those cases where the regional facilities are isolated, i.e., not collocated with a barracks area, etc. This section presents a graphic description, with dimensions, of the types of support buildings which occur at these facilities (Figure 6) and a tabular accounting of the buildings within each facility support area (Table 2).

SECTION 3

Hardened (Subsurface) Communications Antennas

The hardened (subsurface) communications antennas identified at the SRF regional facilities, 1/ as well as at numerous Soviet strategic missile site communications facilities, have been carefully oriented to correspond with higher echelons of SRF command.

This determination is based on comparisons of the positions of the hardened (subsurface) antennas with the positions of known directive antennas within the same facility such as the horizontal dipole and rhombic antennas. These comparisons reveal that the hardened antennas are in fact aligned with certain of these other directive antennas and that signal propagation is in a direction perpendicular to the long axis of the antenna.

A consideration of the distances involved between correspondents reveals the hardened

Table 3. Hardened (Subsurface) Antennas at SRF Probable Regional Headquarters Facilities

SRF Probable Regional Headquarters Facility	Number of Antennas Identified	Probable Correspondent
Siauliai	1	Moskva
Kolomyia	2	Moskva Vinnitsa
Valga	2	Moskva Smolensk
Lutsk	1	Moskva
Mozyr	1	Smolensk
Pervomaysk	2	Moskva Vinnitsa
Belokorovichi	1	Moskva
Jonava	2	Moskva Smolensk
Ostrov	1	Moskva
Pruzhan'y	1	Moskva
Postavy	2	Moskva Smolensk

*Propagation direction is perpendicular to the long axis of the antenna.

(subsurface) antennas to have a much greater range than was originally thought. Their range is now determined to be at least 800 nm and there is the probability that it may be greater.

Orientations and correspondents of the hardened antennas at individual facilities are given in Table 3. It is noted that the correspondents in all cases are the Moskva, Smolensk, or Vinnitsa areas.

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REFERENCES

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MAPS OR CHARTS

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DIA. US Air Target Chart, Series 200, Sheet M0153-12HL, 4th ed, Feb 66 (SECRET/ [redacted])

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DIA. US Air Target Chart, Series 200, Sheet M0153-18HL, 4th ed, Mar 66 (SECRET/ [redacted])

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1. NPIC. [redacted] *Nine SRF Probable Regional Headquarters Facilities, USSR*, Apr 66 (TOP SECRET [redacted])

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REQUIREMENTS

NSA/P0432/R55-66, NSA/P0432/R61-66, NSA/P0432/R30-66

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